OFFICIAL PROPOSALS

Bids: Jan. 11.

(S. S. D. 3-4)
(Lifting Plant and Discharge Mains)

Muscatine, Ia.

Sealed bids will be received by the City Recorder of the City of Muscatine, Iowa, until 7:30 o'clock p.m., of January 11, 1923, for the furnishing of all labor, materials and appliances and do all the work of constructing a sanitary sewer and storm water sewer lifting plant in Sub Sewerage District as follows:

Improvements in Sub Sewerage District Number Three (3) of Main Sewerage District Number Four (4) in the City of Muscatine, Iowa, as laid out and ordered by the City Council of said City; consisting of the construction of a lifting plant as follows:

In the Sub Sewerage District Number Three (3) of Main Sewerage District Number Four (4), a sewerage and storm water lifting plant to be located on Lot Ten (10) Block Twenty Five (25) of A. Smalleys Addition to South Muscatine which lifting plant consists of a concrete and brick building in which is installed the necessary ejectors, pumps, motors, air compressors, etc., to lift the sewerage and storm water into the discharge mains.

That, the said sewerage improvement also include an 18 inch cement, concrete or vitrified clay pipe for storm water discharge extending from the pumping plant northerly a distance of 595 feet to the southerly end of Division Street and thence north on Division Street a distance of Sixteen Hundred five (1605) feet to Muscatine Slough. Also, an 8 or 10 inch cast iron sewerage discharge main extending from the disposal plant on Lot 10, Block 25 A. Smalleys Addition to South Muscatine easterly a distance of 1,400 feet to the Mississippi River.

Payment for said improvement will be made as follows:

Once each month The Central States Engineering Company of Muscatine, Iowa, the engineer in charge of the work for said City, will estimate the value of the materials used and the labor performed during the previous month, and there shall be paid to the contractor, 80 per cent of each of such estimates in cash out of the sewer fund of said City of Muscatine, until a sum not in excess of $15,000 shall have been so paid. Thirty days after the completion and acceptance of the improvement, the unpaid balance due thereon shall be paid in cash out of the sewer fund of said City up to the amount of $15,000 including the amount paid on monthly estimates. The remainder of the total cost of said improvement if in excess of $15,000 shall be paid by the delivery to the contractor, thirty days after completion and acceptance of said improvement, of sewer certificates of indebtedness of a face value equal to such remainder, of denominations of $500.00 or less multiple of $100.00, bearing interest at 6 per cent per annum thirty days from the date of such acceptance and payable one eighteenth May 1st, 1924, one eighteenth November 1st, 1924, one eighteenth May 1st, 1925, one eighteenth November 1st, 1925, one eighteenth May 1st, 1926, one eighteenth November 1st, 1926, one eighteenth May 1st, 1927, one eighteenth November 1st, 1927, one eighteenth May 1st, 1928, one eighteenth November 1st, 1928, one eighteenth May 1st, 1929, one eighteenth November 1st, 1929, one eighteenth May 1st, 1930, one eighteenth November 1st, 1930, one eighteenth May 1st, 1931, one eighteenth November 1st, 1931, one eighteenth May 1st, 1932, and one eighteenth November 1st, 1932. Said certificates are payable only out of a tax upon all of the taxable property of the City of Muscatine for the sewer fund of said City, levied and to be levied for the years 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930 and 1931.

The Contractor in doing the work shall conform to the plans and specifications for the work now on file in the office of the City Recorder. A certified check of 5 per cent of the price bid on some Muscatine bank, payable to the City of Muscatine, Iowa, must accompany each and every bid and be enclosed in a separate envelope.

In case the lowest responsible bidder to whom the work is awarded fails to enter into contract and furnish bond for seventy-five per cent (75%) of his bid with the approved sureties within five days after notification to that effect, said check shall be forfeited to said City as liquidated damages.

OFFICIAL PROPOSALS

Bids will be acted upon by the City Council of the City of Muscatine, Iowa, at 7:30 o'clock p.m., January 11, 1923. All proposals must be made on blanks furnished by the Central States Engineering Company. The City Council reserves the right to reject any and all bids.

Dated December 15, 1922.

G. C. PARKS,
City Recorder.

Central States Engineering Co.
By C. H. YOUNG.

A Bonding Company's Suggestion to Official Proposal Advertisers

"A large part of our contract bond business is submitted to us by wire, and I am a constant reader of the Official Proposals in order to find out the size and nature of the work that is referred to in the bond application. Very frequently I am unable to get any clear idea of what the advertisers are asking bids on, and of course the prospective bidder or contractor is also at a loss to know what kind of a job is being advertised.

"Traveling expenses are heavy at the present time, and contractors pay out considerable sums during the course of a year in investigating prospective contracts. This of course is a large charge that the owners eventually pay, and anything that will reduce the general overhead of contract work will eventually be to the advantage of the owner.

"One way to reduce this overhead is to word the advertisement so that the contractor sitting in his office will know whether or not he should investigate and prepare a bid on the proposed work."

Bids: Jan. 1.1

(S. S. D. 3-4)
(South Muscatine and Musserville Sewer)

Muscatine, Ia.

Sealed bids will be received by the City Recorder of the City of Muscatine, Iowa, until 7:30 o'clock p.m. of January 11, 1923, for the furnishing of all labor, materials and appliances and do all the work of constructing cement, concrete or vitrified clay pipe sewers in Sub Sewerage District as follows: Improvements in Sub Sewerage District Number Three (3) of Main Sewerage District Number Four (4) in the City of Muscatine, Iowa, as laid out and ordered by the City Council of said City; consisting of the construction of a sanitary sewer and storm water sewer as follows:

In Sub Sewerage District Number Three (3) of Main Sewerage District Number Four (4).

3,684 lineal feet of 12 inch cement, concrete or vitrified clay pipe sewer with 12 inch cement, concrete or vitrified clay drain tile.

4,522 lineal feet of 10 inch cement, concrete or vitrified clay pipe sewer with 10 inch cement, concrete or vitrified clay drain tile.

35,463 lineal feet of 8 inch cement, concrete or vitrified clay pipe sewer with 8 inch cement, concrete or vitrified clay drain tile.

125 brick or cement concrete manholes.

10 brick or cement concrete drop manholes.

270 brick or cement concrete catchbasins.

OFFICIAL PROPOSALS

7,380 lineal feet of 10 inch cement, concrete or vitrified clay pipe storm water connections.

The work of making said improvements shall be commenced on or before the 25th day of January, 1923, and completed on or before the 1st day of January, 1924.

Payment for said improvement will be made as follows:

By issuing to the contractor upon completion of the work, bonds in anticipation of the collection of a special tax to be levied against the abutting and adjacent property to pay the cost of said improvement. The amount to be assessed to be limited to and not to exceed the special benefits to the said property resulting from said improvement, and in no case to exceed 25 per cent of the actual value of the property at the time of the levy, nor shall the amount assessed against the abutting or adjacent property exceed 80 per cent of the cost of the sewer. The difference between the cost of said improvement and the amount thereof assessable against private property as above provided shall be paid by delivering to the contractor certificates of indebtedness payable only out of the taxes to be levied for the City Sewer Fund for the years 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930 and 1931, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1924, one eighteenth of which certificates of indebtedness shall become due and payable November 1st, 1924, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1925, one eighteenth of which certificates of indebtedness shall become due and payable November 1st, 1925, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1926, one eighteenth of which certificates of indebtedness shall become due and payable November 1st, 1926, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1927, one eighteenth of which certificates of indebtedness shall become due and payable November 1st, 1927, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1928, one eighteenth of which certificates of indebtedness shall become due and payable November 1st, 1928, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1929, one eighteenth of which certificates of indebtedness shall become due and payable November 1st, 1929, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1930, one eighteenth of which certificates of indebtedness shall become due and payable November 1st, 1930, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1931, one eighteenth of which certificates of indebedness shall become due and payable November 1st, 1931, one eighteenth of which certificates of indebtedness shall become due and payable May 1st, 1932, and one eighteenth of which certificates of indebtedness shall become due and payable November 1st, 1932. Said certificates of indebtedness shall be called "Sewer Certificates of indebtedness of the City of Muscatine, Iowa"; shall be issued in sums of $500.00 each or some less multiple of $100.00, shall bear interest from thirty days after acceptance of said improvement at the rate of six per cent per annum, payable semi-annually; shall be numbered serially; and shall be signed by the Mayor and countersigned by the City Recorder.

The Contractor in doing the work shall conform to the plans and specifications for the work now on file in the office of the City Recorder. A certified check of five per cent (5%) of the price bid on some Muscatine bank, payable to the City of Muscatine, Iowa, must accompany each and every bid and be enclosed in a separate envelope.

In the case the lowest responsible bidder to whom the work is awarded fails to enter into contract, and furnish bond for seventy five per cent (75%) of his bid with the approved sureties within five days after notification to that effect, said check shall be forfeited to said City as liquidated damages.

Bids will be acted upon by the City Council of the City of Muscatine, Iowa, at 7:30 o'clock p.m., January 11, 1923. All proposals must be made on blanks furnished by the Central States Engineering Company. The City Council reserves the right to reject any and all bids.

Dated December 15, 1922.

G. C. PARKS,
City Recorder.

Central States Engineering Co.
By C. H. YOUNG.

OFFICIAL PROPOSALS

Bids: Feb. 7.

Highway Bridge

Baton Rouge, La.

Notice is hereby given that sealed bids will be received by the Louisiana Highway Commission at its offices in the Reymond Bldg., Baton Rouge, La. up to 12 o'clock Noon, Wednesday, February 7th, 1923, at which time and place they will be publicly opened, for the Construction of a Highway Bridge over the Mermentau River at Mermentau, Louisiana, to be known as the Mermentau River Bridge, Federal Aid Project No. 122.

The plans have been prepared for two alternate layouts as follows:

Alternate "A"—Vertical Lift Layout.

Beginning at the East end to consist of 1 30 ft. reinforced Concrete deck girder span, 1 100 ft. thru riveted fixed span, 1 100 ft. thru riveted Vertical Lift Span, 1 140 ft. thru riveted fixed span, and 3 30 ft. reinforced Concrete deck girder spans.

Alternate "B"—Center Bearing Swing Layout.

Beginning at the East end to consist of 1 30 ft. reinforced Concrete deck girder span, 1 216 ft. thru riveted Center Bearing swing span, 1 140 ft. thru riveted fixed span and 3 30 ft. reinforced concrete deck girder spans.

For each layout the clear Roadway width will be 18 ft., the floor will be timber on movable spans and concrete on fixed spans. The movable spans will be operated by machinery driven by gasoline engines housed over movable spans.

The foundations are similar for the two layouts and consist of Concrete Piers resting on timber piles, the channel piers will be constructed by sinking cribs but the use of cofferdams will be permitted. Cofferdams will be used for the other piers.

Plans and specifications for the proposed work prepared by J. A. L. Waddell and approved by Louisiana Highway Commission and Bureau of Public Roads are on file, and may be inspected by prospective bidders during business hours, at the office of the Louisiana Highway Commission, Reymond Bldg., Baton Rouge, and at the office of J. A. L. Waddell, 35 Nassau Street, New York City. Bidders will be furnished with a copy of the specifications and blue prints of the plans by the Louisiana Highway Commission upon receipt of Five Dollars ($5.00) which will not be returned.

Bids may be submitted on either or both of the alternate layouts and must be made on standard proposal forms in the manner designated therein and required by the specifications. Bids must be enclosed in sealed envelopes bearing the name and address of bidder and name and type of bridge on which bid is submitted on the outside and addressed to Louisiana Highway Commission. Each bid must be accompanied by a certified check in an amount equal to (5%) five per cent of the total bid, payable to Louisiana Highway Commission as a guaranty that if the bid is accepted a contract will be entered into and performance thereof properly secured within (10) ten days notice of the acceptance of bid, otherwise the deposit will be forfeited.

The Louisiana Highway Commission reserves the right to reject any or all bids.

J. M. FOURMY,
State Highway Engineer.
W. T. PETERMAN, Chairman,
Louisiana Highway Commission.

Bids: Jan. 23.

Hammerhead Crane

Aberdeen, Wash.

Sealed proposals will be received by the Port of Grays Harbor at Aberdeen, Wash., until January 23, 1923 for furnishing and erecting a 5 ton, 95 ft. radius, Hammerhead type, lumber handling crane.

Further information on application.

PORT OF GRAYS HARBOR,
Aberdeen, Wash.
FRANK H. LAMB, Pres.
J. A. VANCE, Secy.

Brain Fertilizer For Sale

¶Buy a fertilizer for your garden—wonderful crop results. ¶Talk Contract Bonds and Compensation Insurance with Swart and see what a fertilizing your brain will get—profitable results.

SWART 92 William St., New York

OFFICIAL PROPOSALS

Bids: Jan. 12.

Sewer Brick and Paving Blocks

Richmond, Va.

Sealed proposals will be received at this office until 12 o'clock Noon, January 12, 1923, for the furnishing and prompt delivery to any part of the City, of approximately 765,000 Sewer Brick. The proposal will include also alternate bids for 476,000 Sewer Brick and 165,000 Vitrified Paving Blocks. Contract terminating January 1, 1924. Forms of proposals can be obtained on application.

A certified check for amount stated ($700.00) on proposals must accompany each bid as guaranty of execution of contract.

The Director of Public Works reserves the right to reject any and all bids.

ALLEN J. SAVILLE,
Director of Public Works.

Largest Circulation of Any Technical Paper

Engineering News-Record's circulation—over 30,000 weekly—is the largest of any technical paper printed. It includes among its readers practically every worthwhile contractor, dealer, and manufacturer in the country who is interested in bidding on public works contracts—either local or outside of his immediate vicinity.

Bids: Jan. 15.

Mechanical Equipment for Sewage Screening Plant

St. Petersburg, Fla.

Sealed proposals for mechanical equipment for sewage screening plant will be received at the office of the Director of Finance of the City of St. Petersburg, Florida, until 7:30 p.m., January 15, 1923. Specifications on file with the director of finance. Certified check for $500 to accompany bid.

H. T. DAVIS,
Director of Finance.

Bids: Jan. 12.

Sewer Pipe

Richmond, Va.

Sealed proposals will be received at this office until 12 o'clock Noon, January 12, 1923, for the furnishing and prompt delivery to any part of the City of Segment Block Sewer Pipe, with specials, ranging in size from 30 in. to 66 in., approximate length 17,600 lin.ft.

In addition to this alternate proposals are asked for on approximately 2,700 lin.ft. of segment Block pipe and 31,200 pieces of Vitrified Slab Liners. Contract terminating January 1, 1924. Forms of proposal can be obtained on application.

A certified check for amount stated ($4,000,000) on proposals must accompany each bid as a guaranty of execution of contract.

The Director of Public Works reserves the right to reject any and all bids.

ALLEN J. SAVILLE,
Director of Public Works.

Bids: Jan. 12.

Vitrified Pipe

Richmond, Va.

Sealed proposals will be received at this office until 12 o'clock Noon, January 12, 1923, for the furnishing and prompt delivery to any part of the City, approximately 91,000 lin.ft. of Vitrified Pipe, with specials, ranging in size from 4 in. to 24 in. Contract terminating January 1, 1924. Forms of proposals can be obtained on application.

A certified check for amount stated ($2,500.00) on proposals must accompany each bid as a guaranty of execution of contract.

The Director of Public Works reserves the right to reject any and all bids.

ALLEN J. SAVILLE,
Director of Public Works.

U. S. GOVERNMENT

U. S. ENGINEER OFFICE, NASHVILLE, TENN. Sealed proposals will be received here until 11 A.M., January 16, 1923, and then opened, for steel hull for dipper dredge Watauga. Further information on application.

U. S. ENGINEER OFFICE, HUNTINGTON, W. VA., Dec. 23, 1922.—Sealed proposals will be received here until 11 a.m. (Eastern Time), January 23, 1923, and then opened, for furnishing and delivering lock-operating machinery, etc., for Dam No. 30, Ohio River. Further information on application.

U. S. ENGINEER OFFICE, WILMINGTON, DEL.—Sealed proposals will be received here until 12 o'clock noon, January 15, 1923, and then opened, for constructing and delivering two wooden dump scows. Further information on application.

U. S. ENGINEER OFFICE, FLORENCE, ALA.—Sealed proposals will be received here until 11 A.M. January 27, 1923, and then opened, for the construction and delivery of four steel barges. Further information on application.

U. S. ENGINEER OFFICE, PITTSBURGH, PA.—Sealed proposals for building two two-story, seven-room lockkeepers' houses at Lock No. 6, Monongahela River, will be received at this office until 12 Noon, January 31, 1923, and then publicly opened. Information on application.

U. S. ENGINEER OFFICE, NASHVILLE, TENN.—Sealed proposals will be received here until 11 a.m., January 30, 1923, and then opened, for fourteen steel barges. Further information on application.

SEALED PROPOSALS will be received and publicly opened by the Director, U. S. Veterans' Bureau, in the Office of the Quartermaster General, 2306 Munitions Building, Washington, D. C., at 11 A.M., January 16, 1923, for construction of a Neuro-Psychiatric Hospital at American Lake, Tacoma, Washington, for the Veterans' Bureau. Work will include construction of twenty-eight buildings of reinforced concrete, tile and brick, complete with water, lighting, heating and sewer systems, roads and walks. Plans and specifications may be obtained after December 9, 1922, from the Quartermaster General, Room 2306, Munitions Building, Washington, D. C., upon deposit of $100. One set of plans and specifications will be on exhibition at each of the following stations: Constructing Quartermasters at 39 Whitehall St., New York City, and Fort Mason, California, and Quartermaster Supply Officers at 1819 West Pershing Road, Chicago, Ill., Second and Arsenal Sts., St. Louis, Mo., Stacy Street Terminal, Seattle, Washington, and New Post Office Building, Portland, Oregon. If bidders on the coast will wire the Quartermaster General's Office, date they are mailing check for deposit, this will be taken as evidence of good faith and plans and specifications will be mailed them at once.

DEPARTMENT OF THE INTERIOR. United States Reclamation Service, Washington, D. C., December 27, 1922. Sealed proposals for furnishing two 5-ft. by 5-ft high-pressure sluice gates for Black Canyon Dam, Boise project, Idaho, will be received at the office of the United States Reclamation Service, Denver, Colorado, until 2 o'clock p.m., February 14, 1923. For particulars, address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. Davis, Director.

WANTED TO SUBLET

Approximately 200,000 cubic yards of

HYDRAULIC DREDGING

all sand, maximum disposal 700 lineal feet, depth of water 6.5 feet—65 miles from New York.

L. B. HARRISON, Paterson, N. J.